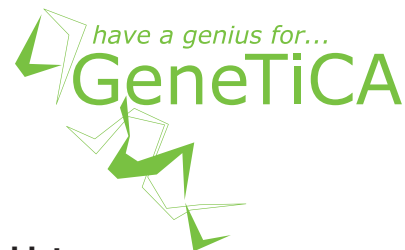


NEW ALLIANCE MINI HD6



- The highest performance at the tightest budget
- Chemiluminescence imaging system for all Western blots
- Optional UV fluorescence
- Upgradable to fluorescence on western blot
- Sensitivity equivalent to Xray films
- Instant precalibrated focus and auto-exposure
- -60°C regulated cooling
- Alliance Mini HD6 definitely replaces a film developer

Camera

Scientific grade camera with variable electronic shutter speed
Last Sony generation 1 inch giant sensor
6 Megapixels true native camera resolution (2750x2200)
Image resolution up to 18 megapixels
16-bit (65 536 grey levels) –FireWire super-fast connection
Dynamic range: 4.8 OD <
4 e.rms @ 10Mhz
Dark current: 0.0001 e/p/s
Full sensor well capacity: 20 000 e
-60°C regulated cooling via thermoelectric 3 stage peltier cooler
QE Peak > 73%

Optics

38mm, Distance to sample 24 cm
f/0.90 automatic fixed lens. Auto exposure
Instant pre calibrated focus and aperture (semi-automatic)

Software

Alliance 1D software for acquisition and analysis
Unlimited users; Licence free and free upgrade
"One touch" fully automated image acquisition program
Image enhancement, annotation and illustration.
image analysis and quantification:
- 1D Molecular weight (MW, volume, intensity, ...)
- Colony counting; Distance calculation (RF, IEF, ...)

Darkroom

Steel and stainless steel darkroom
Epoxy-painted for chemical resistance; Black body imaging grade
Filtered LED white light epi-illumination for marker addition
Fully computer controlled darkroom (Cf. minimum PC spec)
Optional interchangeable UV tray or white or blue tray and conversion screen for UV fluorescence & visible &trans UV Trans White and Trans blue.
Upgradable to LD darkroom to get up to 12 wavelength illumination options including EPI UV 365nm, EPI Blue 460nm, EPI GREEN 520nm, EPI RED/NIR LED 650nm, EPI INFRA RED 740nm excitation wavelength and its associated emission filters (from 535 nm to 820nm).

Applications

- Chemiluminescence western blot. In vivo luciferase.
- Optional UV Fluorescence and visible and safe dyes, stain free enable
- Quantification & documentation
- Gene expression, protein expression, RNA/DNA assay, colonies.
- Upgradable to Fluorescence on Western blot, Multiplexing and bioluminescence

Options

- Large choice of UV tray (312nm), blue tray, Safelight tray (special technology to read Safe dyes and Ethidium bromide), Uvipure tray (special technology filter to avoid the UV tubes background) for trans fluorescence and visible.
- Optional UVIBAND enhanced powerful analysis software tool for dendograms and normalization.

**Vyžádejte si
DEMONSTRACI
ve Vaší
laboratoři**

Máte-li zájem o demonstraci nebo více informací o dokumentačních systémech UVITEC, kontaktujte prosím produktového manažera: Veronika Plisková, mob. 731 127 715